



## PlayStation 2 Teardown

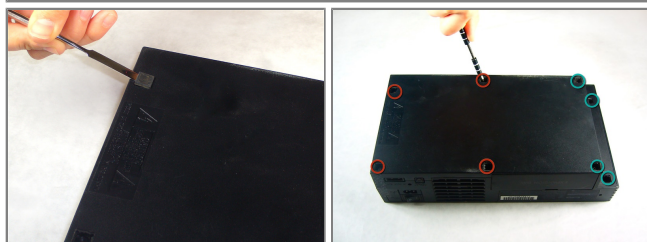
### Tools used in this guide

- [Metal Spudger](#)
- [Phillips #00 Screwdriver](#)
- [Phillips #1 Screwdriver](#)



### Step 1 -

- Flip the Playstation 2 (PS2) so that the bottom of the device is facing up.
- Using a metal splunger pry the 8 flat screw covers out.
- Remove the following 8 screws:
  - Four 55.4mm Philips head screws.
  - Four 18mm Phillips head screws.





## Step 2

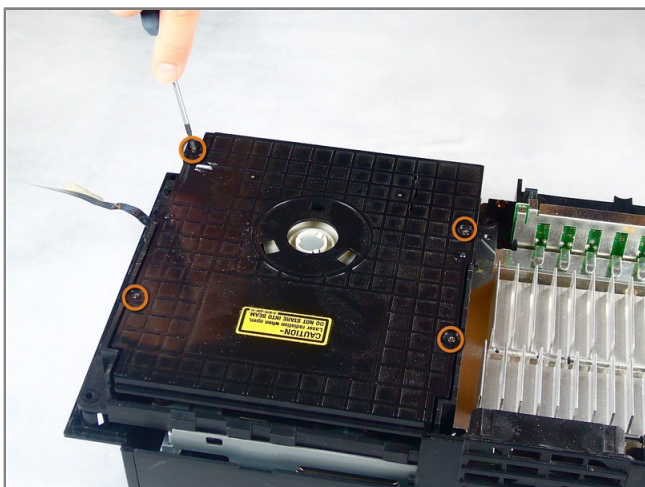
- Peel away the sticker that says "Warranty void if this seal on the Playstation2 console is removed." It is right next to the main power switch.



## Step 3

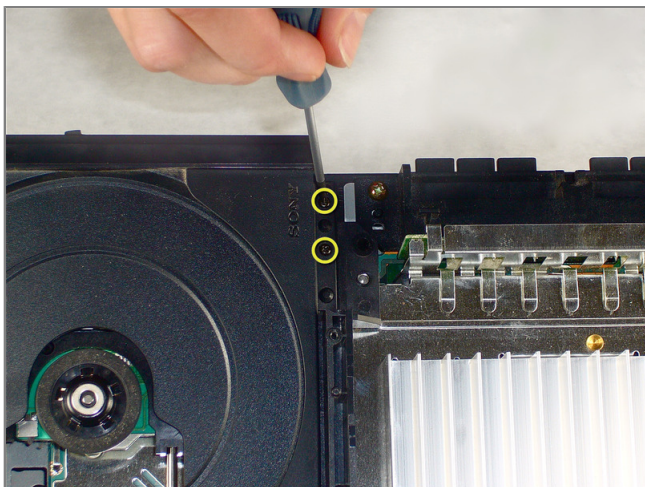
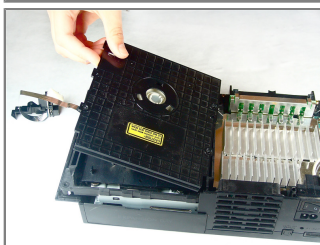
- Flip the PS2 back over and remove the top cover, prying the half closer to the power switch first and rocking the whole thing towards the front.
- Carefully remove the cord that attaches the two halves by unclipping the power cord assembly from the case in the lid.





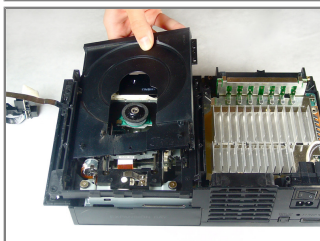
### Step 4

- Remove the four 6.4mm Phillips head screws which hold the lid of the disc drive on.
- Remove the lid.

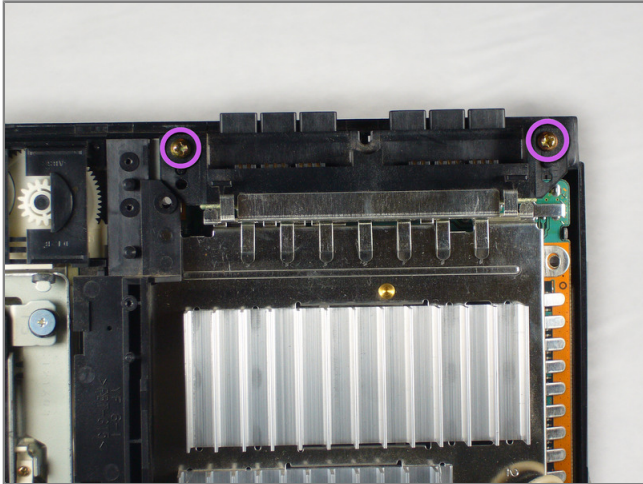


### Step 5

- Remove the two 6.4mm #00 Phillips head black screws holding the disc drive in place.
- Remove the whole disc drive by carefully tilting the lid and sliding out.

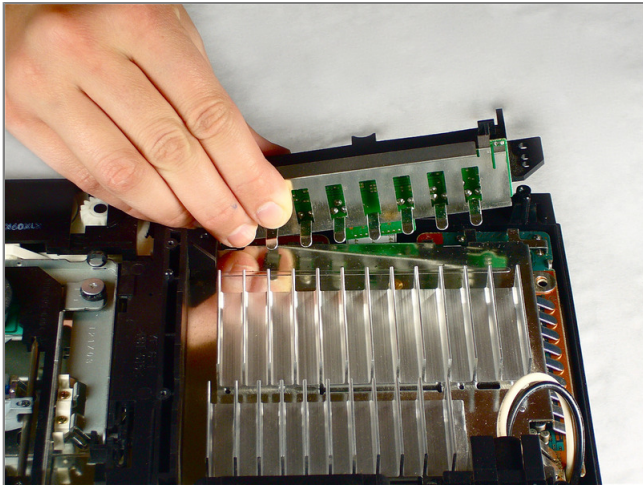
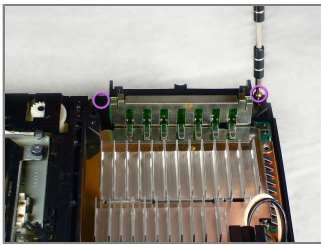






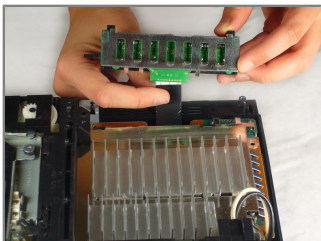
### Step 6

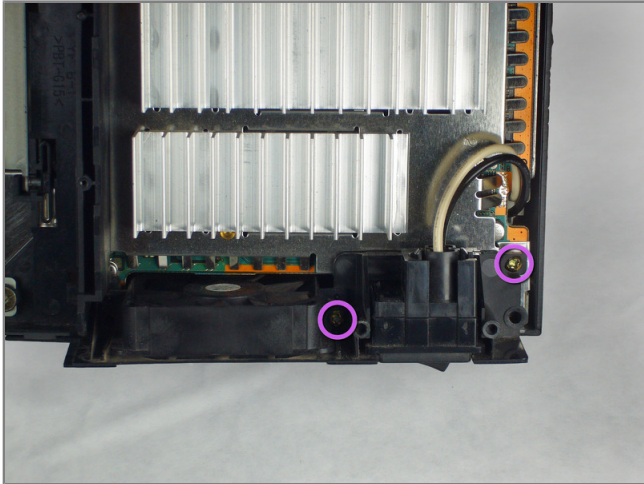
- ✕ Remove two 14.6mm Phillips head gold screws to remove controller port.



### Step 7

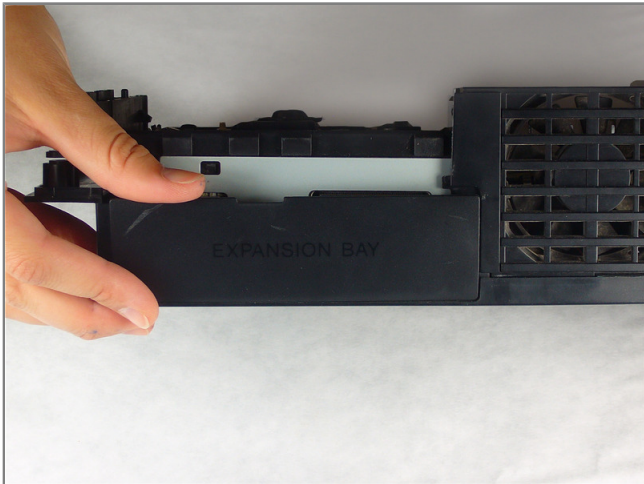
- Gently lift out the controller port.
- Remove the ribbon cable.





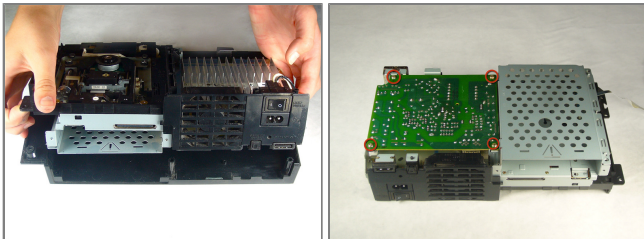
### Step 8

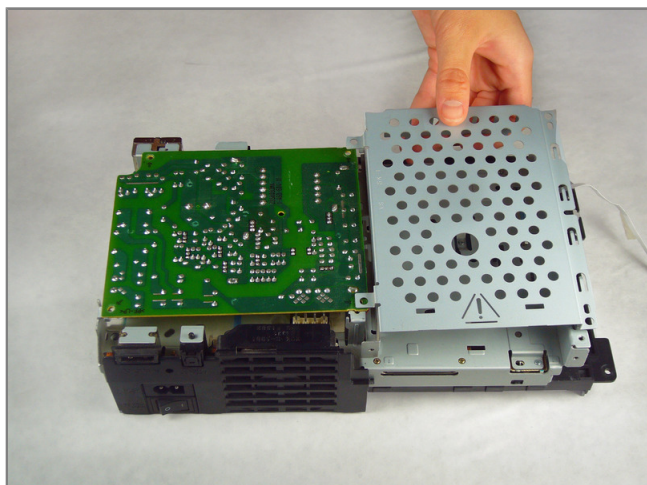
- ✕ Remove two 14.6mm Phillips head gold screws holding the fan.



### Step 9

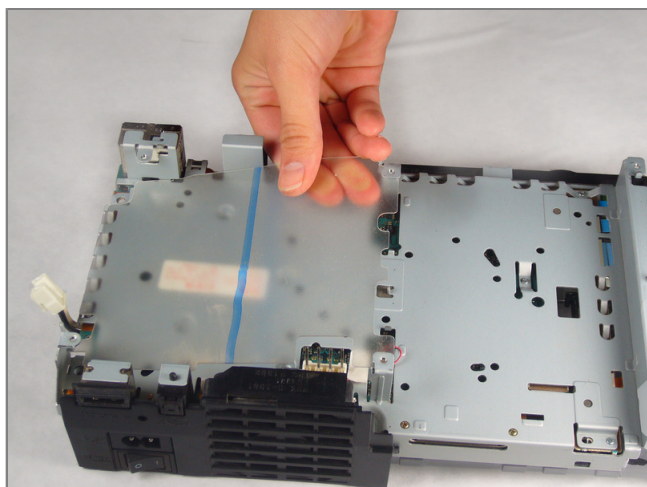
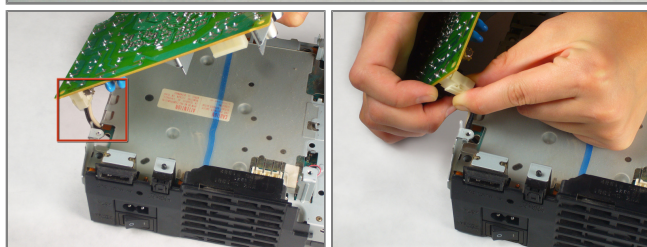
- Remove the cover for the Expansion Bay.
  - If you utilize your expansion bay for its intended purpose, make sure you remove the component now.
- Pull the *inards* out and away from the bottom cover.
- Now that all of that bulky plastic is out of the way, we can get to the fun stuff - electronics!
- Let's begin by removing the four 7.6mm Phillips head gold screws holding on the power supply board.





### Step 10

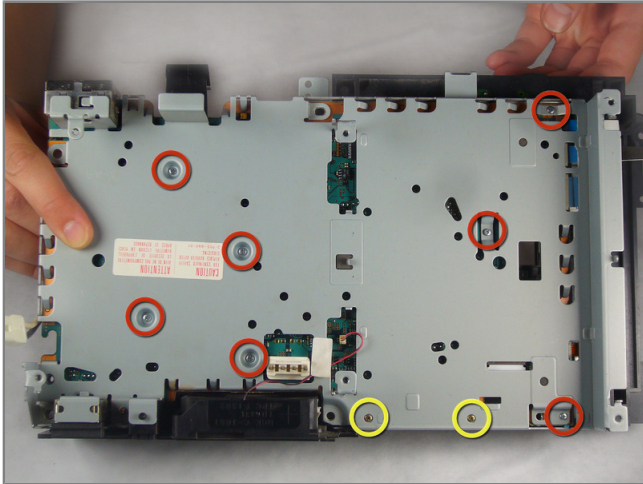
- With the screws out of the way, the metal case that houses the expansion bay will lift off with ease.
- There is one cable that is clipped onto the power board. It is located next to the main power switch.
- Carefully begin lifting the power board. You can now see the clip holding the power board in place.
- Unsnap the clip, and the board is free from the unit.



### Step 11

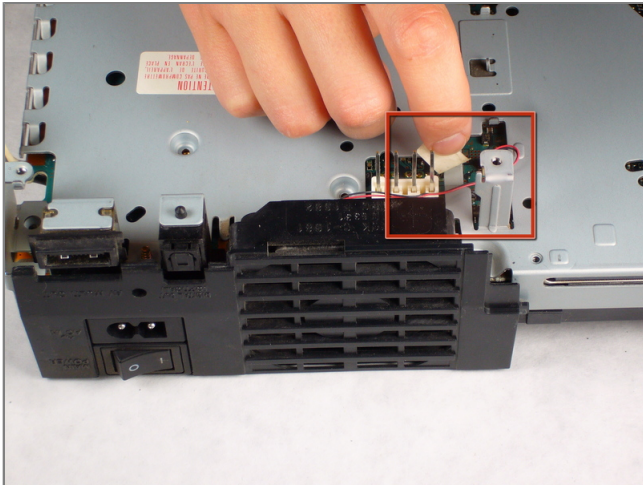
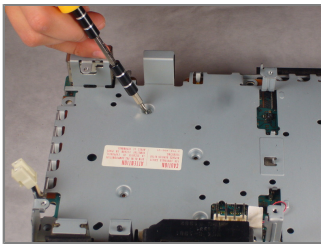
- Underneath where the power supply once was is a transparent piece of plastic. This is the heat shield, and it can now be removed.
- It can be a bit stubborn, so it may take a little finessing to get it free.





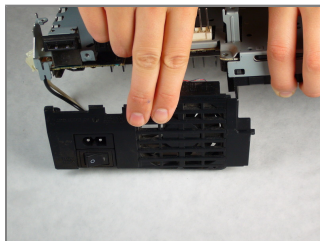
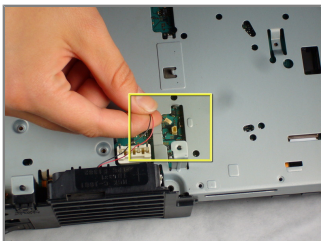
## Step 12

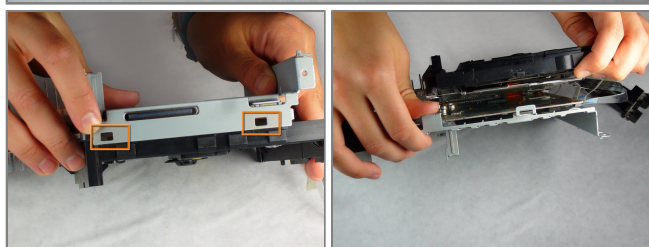
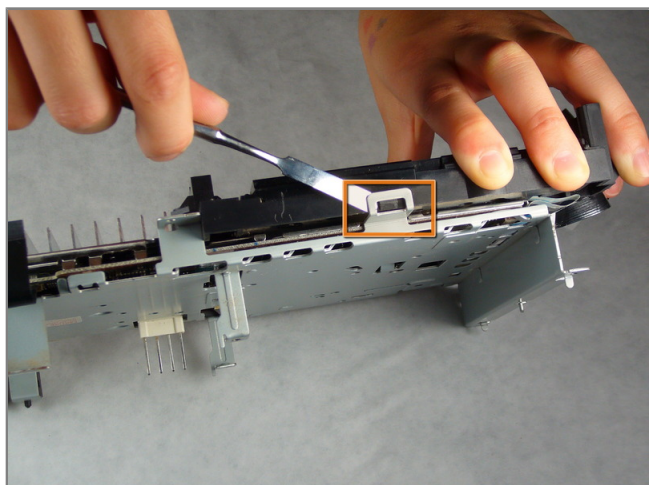
- Now with the heat shield out of the way, you can see there are quite a few screws holding the rest in place.
- First, remove the seven 5.8mm Phillips head silver screws.
- Next, take out the two 7.4mm Phillips head gold screws.



## Step 13

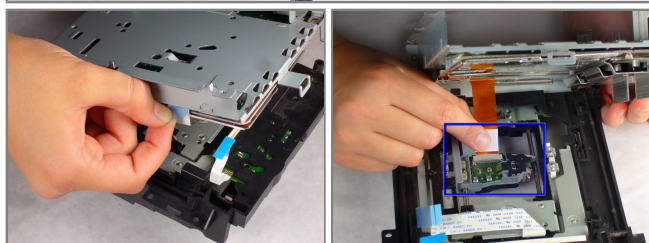
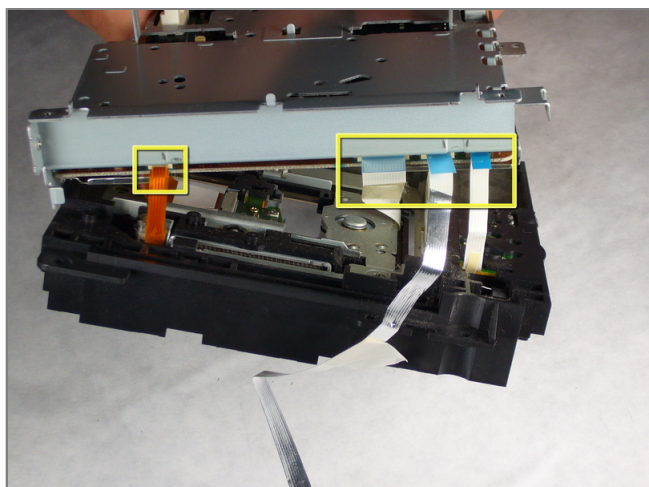
- We can now remove the fan and main power switch assembly.
  - Remove the small white piece of tape that holds the wire connected to the fan.
  - Unplug the wire from the logic board.
- The fan and switch are now free from the rest of the PS2. Simply remove it by pulling it out the bottom.





### Step 14

- Unclip flaps, one on one side and two on the other, holding the disc drive together. **The first two pictures display where the three flaps are.** This is very tricky so take your time.
- Carefully begin to lift out the disc drive. Beware, there are ribbon cables still attached.

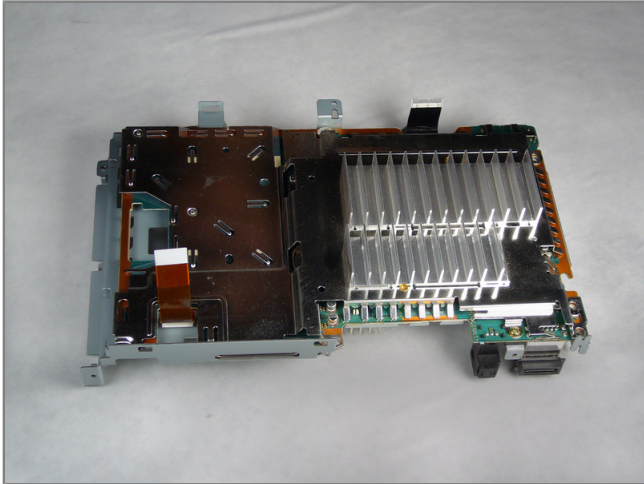


### Step 15

- There are four ribbon cables attached to the disc drive. Be careful not to rip any of them!
- Remove the three blue ribbon cables and one little orange cable by gently pulling on the blue plastic strips.
- Carefully remove the orange ribbon cable from the laser by gently pulling on the white plastic strip.

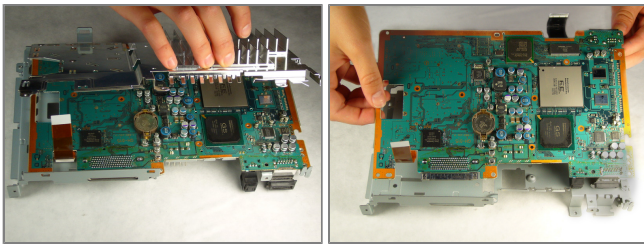






### Step 16

- After the disc drive has been completely removed flip it over.
- Gently lift off the metal cooling fins.
- All that remains in view should be the logic board.



### Step 17

- This is what your disassembly should look like when finished.